

NOVEMBER 3.

ARTHUR ERWIN BROWN, Sc.D., Vice-President, in the Chair.

Twenty-five persons present.

The Committee on the Hayden Memorial Award reported as follows:

THE COMMITTEE ON THE HAYDEN MEMORIAL GEOLOGICAL AWARD reports in favor of conferring the medal this year on John Mason Clarke, State Geologist of New York, in recognition of the value of his work in geology and especially of his memoir, *Early Devonian History of New York and Eastern North America*. In the opinion of the Committee he ranks with the others who have received the recognition.

(Signed)

HENRY FAIRFIELD OSBORN,
R. A. F. PENROSE, JR.,
AMOS P. BROWN,
FREDERICK PRIME,
SAMUEL G. DIXON,

Committee.

JOHN MASON CLARKE was born at Canandaigua, N. Y., April 15, 1857. His early education was received in the Canandaigua Academy, of which his father was principal. In 1877 he graduated from Amherst College and studied in the University of Göttingen from 1882 to 1884. For a period he taught at the Canandaigua Academy and the Utica Academy and in 1879 was instructor in geology at Amherst. From 1880 to 1882 he was professor of geology and zoology at Smith College, and in 1885 lecturer on geology at the Massachusetts Agricultural College. In 1886 he was appointed assistant in paleontology under Prof. James Hall, State geologist of New York; in 1892 assistant State geologist and paleontologist; in 1898 State paleontologist; in 1904 State geologist and paleontologist, director of the State Museum and the Science division of the Education department; in 1894 he was made professor of geology and mineralogy in the Rensselaer Polytechnic Institute. In 1908 the Iroquois Nation received him into their membership as keeper of their historic archives with the ancient title of this office. His scientific publications, chiefly on geology and paleontology, and extending over a period of thirty years, are somewhat voluminous, and, though largely relating to the State of New York, include also parts of Canada, Maine, South America and Germany. His most com-

prehensive treatises are *The North American Devonian Crustacea* (1888), *Introduction to the Study of the Genera of the Paleozoic Brachiopoda* (1892 and 1894), and *The Paleozoic Reticulate Sponges* (1898), all published in titular conjunction with James Hall; *The Naples Fauna* (1899 and 1904), *The Early Devonian of New York and Eastern North America* (1908). In addition to numerous other papers on problems in geology he has also written on ceramics.

He received the degrees of A.M. and Ph.D. (*honoris causa*) from the University of Marburg in 1898; LL.D. from Amherst, 1902.

NOVEMBER 17.

The President, DR. SAMUEL G. DIXON, in the Chair.

Thirty-nine persons present.

The Chair announced the death of Alfred Whelen, November 18, 1907; William Potts, July 29, 1908, members, and of William K. Brooks, a correspondent, November 12, 1908.

In association with the Biological and Microscopical Section, Mr. CHARLES S. BOYER made a communication on the synonymy and relationships of *Surirella* and described a new species of diatom from the miocene deposits of Barbadoes, for which he proposed the name *Cymatopleura Shulzi*.

DR. THOMAS S. STEWART spoke of the bacillus of syphilis and suggested methods of staining.

MR. FRANK J. KEELEY exhibited slides illustrating secondary crystallization of early limestone and showing the Brownian motion of smoke particles on dark-ground illumination.

DR. HENRY A. PILSBRY spoke of the geographical distribution of *Strobilops*.

The following papers on the report of the Publication Committee were accepted for publication:

"On the Cicindeline of Angola." By F. Creighton Wellman, M.D., and Walther Horn, M.D. (September 26).

"Remarks on Prof. Chamberlin's Revision of North American Lycosidae." By Thomas H. Montgomery (October 27).

Sydney L. Wright, Jr., was elected a member.

The following were ordered to be printed: